

Appl. No. 10/696,005
Amdt. Dated April 19, 2005
Reply to Office December 22, 2004

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A semiconductor package comprising:
 - an electrically insulating substrate layer;
 - a non-conductive layer disposed on the electrically insulating substrate layer; and,
 - a reflector layer disposed on the non-conductive layer,
wherein the electrically insulating substrate layer includes at least one first metallized portion on a first surface thereof and at least one second metallized portion on a second surface thereof, said second surface opposite said first surface.
2. (Original) The semiconductor package of claim 1, wherein the reflector layer includes a conical portion.
3. (Canceled).
4. (Canceled).
5. (Original) The semiconductor package of claim 1, wherein the reflector layer is made of a material with a coefficient of thermal expansion which is matched to a coefficient of thermal expansion of a material of the electrically insulating substrate layer.

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6. (Original) The semiconductor package of claim 1, wherein the non-conductive layer is made of glass.

7. (Original) The semiconductor package of claim 6, wherein the glass has a coefficient of thermal expansion which is matched to a coefficient of thermal expansion of the material of the electrically insulating substrate layer.

8. (Original) The semiconductor package of claim 7, wherein the glass and the material of the electrically insulating substrate layer both have a coefficient of thermal expansion which is matched to a coefficient of thermal expansion of the material of the reflector layer.

9. (Canceled).

10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

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14. (Currently Amended) A light emitting device comprising:

an electrically insulating substrate layer with at least one light emitting diode disposed thereon;

a non-conductive layer disposed on the electrically insulating substrate layer; and,

a reflector layer disposed on the non-conductive layer,

wherein the electrically insulating substrate layer includes at least one first metallized portion on a first surface thereof and at least one second metallized portion on a second surface thereof, said second surface opposite said first surface.

15. (Currently Amended) The light emitting device of claim 14, wherein one of the at least one first and second metallized portions are the electrically insulating layer further comprises at least one metallized portion which is coupled to the light emitting diode.

16. (Canceled).

17. (Canceled).